18 GAUGE BRAD NAILER

MODEL G6045/G6046/G6047

INSTRUCTION MANUAL

Model G6046

Model G6047

Nailer With Case

Model G6045 not shown

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SAFETY

⚠WARNING

For Your Own Safety Read Instruction Manual Before Operating This Equipment

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words which are intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures.

⚠DANGER **Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.**

⚠WARNING **Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.**

⚠CAUTION **Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It may also be used to alert against unsafe practices.**

NOTICE **This symbol is used to alert the user to useful information about proper operation of the equipment.**

⚠WARNING

Safety Instructions For Power Tools

1. **KEEP ALL SAFETY DEVICES IN PLACE** and in working order.
2. **REMOVE ADJUSTING KEYS AND WRENCHES**. Form habit of checking to see that keys and adjusting wrenches are removed from tool before operation.
3. **KEEP WORK AREA CLEAN**. Cluttered areas and benches invite accidents.
4. **DO NOT USE IN DANGEROUS ENVIRONMENT**. Do not use power tools in damp or wet locations, or where any flammable or noxious fumes may exist. Keep work area well lighted.
5. **KEEP CHILDREN AND VISITORS AWAY.** All children and visitors should be kept a safe distance from work area.
6. **MAKE WORKSHOP CHILD PROOF** with padlocks, master switches, or by removing starter keys.
7. **DO NOT FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
8. **USE THE RIGHT TOOL.** Do not force tool or attachment to do a job for which it was not designed.
9. **DO NOT USE UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.**

⚠WARNING
Safety Instructions For Power Tools

10. **USE PROPER EXTENSION CORD** for the tool. Make sure your extension cord is in good condition. Conductor size should be in accordance with the chart below. The amperage rating should be listed on the motor or tool nameplate. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Your extension cord must also contain a ground wire and plug pin. Always repair or replace extension cords if they become damaged.

Minimum Gauge for Extension Cords

AMP	LENGTH		
RATING	25ft	50ft	100ft
0-6	18	16	16
7-10	18	16	14
11-12	16	16	14
13-16	14	12	12
17-20	12	12	10
21-30	10	10	No

11. **WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
12. **ALWAYS USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
13. **SECURE WORK.** Use clamps or a vise to hold work when practical. it is safer than using your hand and frees both hands to operate tool.
14. **DO NOT OVERREACH.** Keep proper footing and balance at all times.
15. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
16. **DISCONNECT TOOLS** before servicing and changing accessories.
17. **REDUCE THE RISK OF UNINTENTIONAL STARTING.** Make sure switch is in off position before plugging in.
18. **USE THE RECOMMENDED ACCESSORIES.** Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury.
19. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
20. **NEVER LEAVE TOOL RUNNING UNATTENDED.** Turn the power off, and do not leave tool until it comes to a complete stop.
21. **NEVER ALLOW UNTRAINED USERS TO RUN THIS TOOL WHILE UNSUPERVISED.**
22. **IF YOU ARE UNSURE OF THE INTENDED OPERATION, STOP USING THE TOOL.** Seek formal training or research books or magazines that specialize in power tools.

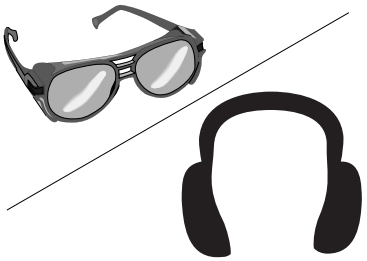
⚠WARNING

Basic Nailer Safety

In addition to the rules stated in the previous section, and those in the warning boxes throughout this manual, please observe the following safety tips for your new nailer:

1. **READ THIS ENTIRE MANUAL BEFORE OPERATING THE NAILER.**
2. **ALWAYS DISCONNECT AIR FROM THE NAILER WHENEVER SERVICING OR INSTALLING NAILS.** During maintenance, a nailer connected to air may fire accidentally, causing serious personal injury.
3. **DO NOT PLACE HANDS NEAR NAIL POINT OF ENTRY.** Nail can deflect and tear through the surface of the workpiece, puncturing your hand or fingers.
4. **NEVER CONNECT THE NAILER TO PRESSURIZED OXYGEN OR OTHER COMBUSTIBLE GASES AS A POWER SOURCE.** Only use filtered, lubricated, and regulated compressed air.
5. **NEVER USE GASOLINE OR OTHER FLAMMABLE LIQUIDS TO CLEAN THE NAILER.** Vapors in the tool will ignite by a spark and cause the tool to explode.
6. **DO NOT CARRY THE NAILER BY ANY OTHER PART THAN THE HANDLE,** and do not carry the nailer by the air hose.
7. **DO NOT KEEP THE TRIGGER PULLED ON THE SAFETY YOKE MECHANISM WHEN CARRYING OR HOLDING THE TOOL.**
8. **DO NOT USE A CHECK VALVE OR ANY OTHER FITTING THAT ALLOWS AIR TO REMAIN IN THE TOOL.**

⚠WARNING



Operating this nailer can propel objects into the air, causing immediate eye damage. To protect yourself, always wear American National Standards Institute (ANSI) approved safety glasses or goggles when operating this equipment. In addition, this nailer discharges at 85-90 decibels. To protect your hearing, always wear ANSI approved ear protection when operating this nailer.

⚠WARNING

Never point this nailer at yourself or another person! Always pay attention to the direction this nailer is pointed. Use this tool with respect and caution to lessen the possibility of operator or bystander injury. Ignoring this warning may result in serious personal injury.

INTRODUCTION

Commentary

We are proud to offer the Grizzly Model G6045/G6046/G6047 18 Gauge Brad Nailer. This model is part of a growing Grizzly family of fine power tools. When used according to the guidelines set forth in this manual, you can expect years of trouble-free, enjoyable operation and proof of Grizzly's commitment to customer satisfaction.

This model features 360° adjustable exhaust, a convenient side-loading magazine, a safety trigger and a durable plastic carrying case.

We are pleased to provide this manual with the Model G6045/G6046/G6047. It was written to encourage safety considerations and guide you through general operating procedures and maintenance. This manual represents our effort to produce the best documentation possible.

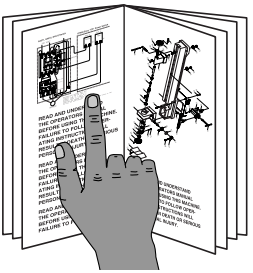
The specifications, details, and photographs in this manual represent the Model G6045/G6046/G6047 as supplied when the manual was prepared. However, owing to Grizzly's policy of continuous improvement, changes may be made at any time with no obligation on the part of Grizzly. If you have any comments regarding this manual, please write to us at the address below:

Grizzly Industrial, Inc.
C/O Technical Documentation
P.O. Box 2069
Bellingham, WA 98227-2069

Most importantly, we stand behind our tools. If you have any service questions or parts requests, please call or write us at the location listed below.

Grizzly Industrial, Inc.
1203 Lycoming Mall Circle
Pennsdale, PA 17756
Phone: (570) 546-9663
Fax: (800) 438-5901
E-Mail: techsupport@grizzly.com
Web Site: http://www.grizzly.com

⚠WARNING



Read the manual before assembly and operation. Become familiar with this tool, its safety instructions, and its operation before beginning any work. Serious personal injury may result if safety or operational information is not understood or followed.

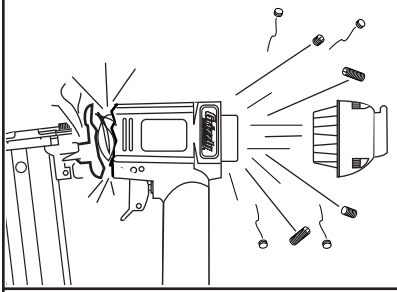
Compressed Air System

The Models G6045 & G6046 are designed to be operated at 60-100 psi. The Model G6047 is designed to be operated at 70-110 psi. **Do not exceed the maximum operating pressure for your model.**

Before using your new nailer, install the included ⅜" quick connect fitting. Install a female ⅜" fitting on the air hose. Regulate the air pressure on your air compressor to barely over the minimum psi for your model.

Many pneumatic tools benefit from an in-line filter/lubricator/regulator unit. This attachment is connected by hoses between the air compressor and the nailer. Using this unit protects your tool from damaging water build-up, allows you to adjust and maintain constant air pressure to your tool, and saves you the inconvenience of having to manually lubricate your tool every time you use it. Check the current Grizzly catalog for availability of this unit. If you plan on installing a filter/lubricator/regulator unit in your compressed air system, always follow the connection instructions that come with the unit.

⚠WARNING



Exceeding the maximum permissible operating pressure may cause the nailer to explode, blowing metal fragments in all directions. To protect yourself from serious personal injury, DO NOT allow your air compressor to exceed the recommended pressure when connected to this nailer!

Safety Yoke Mechanism

A safety yoke mechanism (bump fire) on the nose of the nailer acts as a secondary safety device. When the trigger is pressed, the nailer will not fire until the safety yoke mechanism is depressed.

Before you use your nailer for the first time, check the safety yoke mechanism to ensure proper function. To do this:

1. **Make sure the nailer is disconnected from the air supply!**
2. Make sure the magazine is empty and contains no nails.
3. Make sure the trigger and the safety yoke mechanism move up and down without sticking.
4. Connect the nailer to the air supply.
5. **Without pressing the trigger**, depress the safety yoke mechanism against a scrap piece of wood that is clean and free of any knots, nails, or other foreign objects. If the nailer does not fire, then the safety yoke mechanism is working correctly. If the nailer **does fire** when you do this, immediately disconnect the nailer from the air supply and call our customer service for help.

Similarly if the nailer fires when the trigger is pulled, without the safety yoke mechanism being depressed, then the nailer is not working properly.

If either of these two conditions develop after you have used your nailer for a period of time, check the lubrication of these mechanisms.

⚠WARNING

The safety yoke is a mechanical device that can fail. Never rely on the safety yoke mechanism as an excuse to point the nailer at yourself or any bystanders. Serious injury may occur.

OPERATION

Loading Nailer

To load your nailer:

1. **Disconnect the air supply from the nailer!**
2. Flip the magazine latch in the direction shown in **Figure 1**.

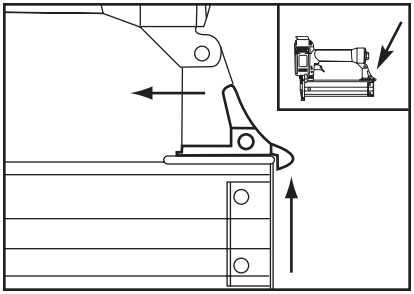


Figure 1. Releasing magazine latch.

3. Pull back the magazine cover until it stops.
4. Point the nailer down and insert a stick of brad nails into the magazine as shown in **Figure 2**. Make sure that the pointed ends of the nails rest in the slot at the bottom of the magazine.

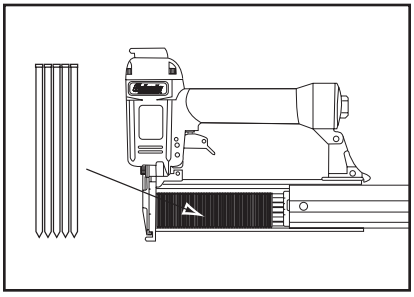


Figure 2. Loading brad nails into nailer.

5. Push the magazine cover forward until the magazine latch locks in place.

Operating Nailer

If you have not read the safety instructions in this manual, do not operate the nailer.

Before you operate your nailer, place one drop of the included oil into the quick connect fitting where the nailer connects to the air supply. Fire the EMPTY nailer 3-4 times before beginning, so oil does not come out onto the project during regular operation.

To operate your nailer:

1. Connect the air supply to the quick connect fitting.
2. Test the loaded nailer for proper brad penetration. Hold the nailer perpendicular to the surface of a piece of clean scrap wood that is thick enough for the length of brad nails you have loaded. Depress the safety yoke mechanism on your workpiece.
3. Before pressing the trigger, make sure your free hand is positioned out of the way of a potential path of a brad nail in case of deflection. (Deflection is caused when grain irregularities, knots or foreign objects inside the wood cause the nail to change its path, resulting in the nail puncturing the surface of the workpiece as shown in **Figure 3**.)

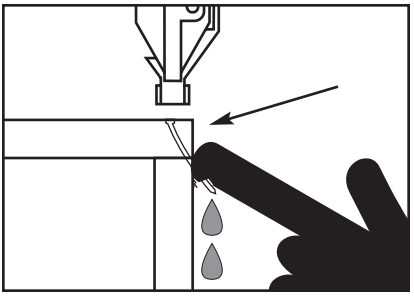


Figure 3. Example of brad nail deflection.

Besides damaging your workpiece, deflection can cause injury if your free hand is securing the workpiece in the location that the nail deflects.

4. Press the trigger. If the brad nail drove into the wood far enough, continue with your intended operations. If the brad nail either went too far or not far enough, then adjust the air pressure. More air pressure will make the brad nail go deeper and less air pressure will decrease the brad nail penetration.

Oiling Nailer

Special oil has been included with your new Grizzly nailer to help maintain its useful life. Place one drop of oil in the nailer air inlet (as shown in **Figure 4**) before every use. Wipe off any excess oil near the nailer exhaust to avoid dust build-up. When the oil that was included with the nailer has been completely used, replace with Grizzly Model G2820 pnuematic tool oil.

Another option to manual oiling would be to install a lubricator in your air compressor line. If your air compressor line already has a lubricator, then regular lubrication of your nailer will not be necessary. Just make sure there is always oil in the lubricator.

As mentioned before, the best option is to install a filter/lubricator/regulator unit such as the Grizzly Model H2333 in your air line.

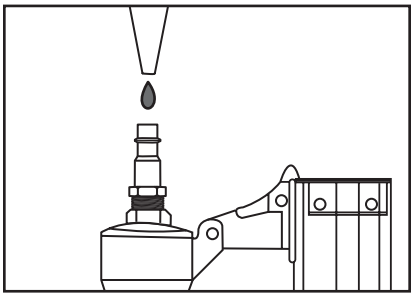


Figure 4. Lubricating nailer via air inlet.

Cleaning Nailer

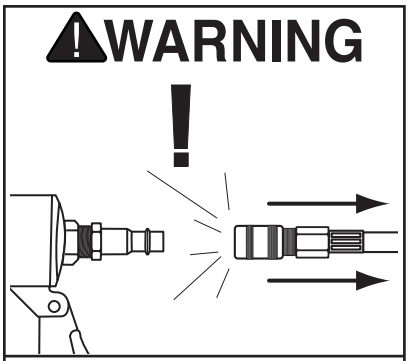
Never use use gasoline or other flammable liquids to clean this tool. Vapors in the tool may ignite, causing the tool to explode. Ignoring this warning may lead to serious personal injury or even death!

Use a good solvent to clean the nose assembly of the nailer. Always be sure that the nailer is dry before using it again.

Do not allow dust, chips, sand, etc. into the air connectors or into the body of the nailer; this may result in leaks and damage to the nailer and the air couplings.

Clearing Jammed Nails

The most frequent situation with any type of nailer is a nail jam. A jammed nail must be cleared before using the nailer again. The two places where a nail can get jammed are the magazine and the discharge area.



Always disconnect air from nailer whenever clearing a jammed nail!

To clear a jammed nail from the magazine:

1. **Disconnect the nailer from the air supply!**
2. Open the magazine cover and pull the magazine all the way back.
3. Locate and remove the jammed brad nail with a pair of needle nose pliers. Close the magazine cover so it latches.

To clear a jammed nail from the discharge area with the Model G6045/G6047:

1. **Disconnect the nailer from the air supply!**
2. Remove all of the brad nails from the magazine.
3. Flip up the quick release latch that is located on top of the nailer nose assembly as shown in **Figure 5**.
4. Remove the driver guide cover.
5. The jammed nail should now be visible; remove it from the discharge area with needle nose pliers.
6. Replace the driver guide cover and snap the quick release latch back into operating position.

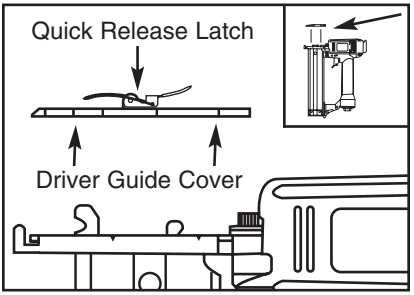


Figure 5. Removing guide cover.

To clear a jammed nail from the discharge area on the Model G6046:

1. **Disconnect the nailer from the air supply!** Remove all brad nails from the magazine.
2. Loosen the 2 cap screws that secure the driver guide cover to the driver guide on the nose assembly. Slide the driver guide cover toward the nose and pull it over the 2 cap screws. See **Figure 6** to identify these parts.
3. The jammed nail should now be visible; remove it with needle nose pliers.
4. Install the guide cover and check the safety yoke mechanism for proper operation (following the same instructions as mentioned in the **Safety** section).

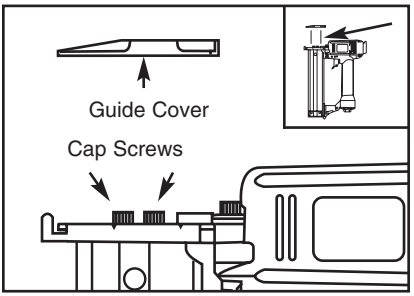
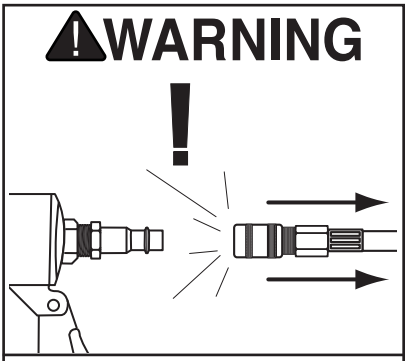


Figure 6. Removing guide cover.

Replacing Pistons/O-Rings

If you use your nailer day in and day out, Grizzly offers repair pistons as cheap insurance against wasted down time and lost profits in the event that a piston or piston shaft becomes worn out. To replace a piston:



Always disconnect air from nailer whenever servicing! During maintenance, a nailer connected to air may fire accidentally, causing serious personal injury!

1. **Disconnect the nailer from the air supply!**
2. Remove all nails from the magazine cartridge.
3. Remove the 4 cap screws on the back of the nailer, near the exhaust port.
4. Remove the rear cap as shown in **Figure 7**.
5. The top of the piston should now be visible inside the cylinder, which is housed in the back of the nailer.

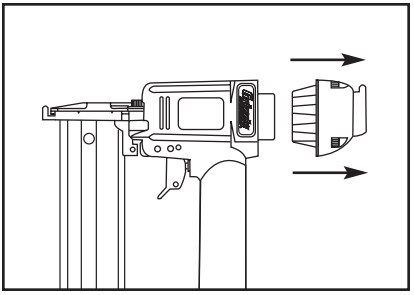
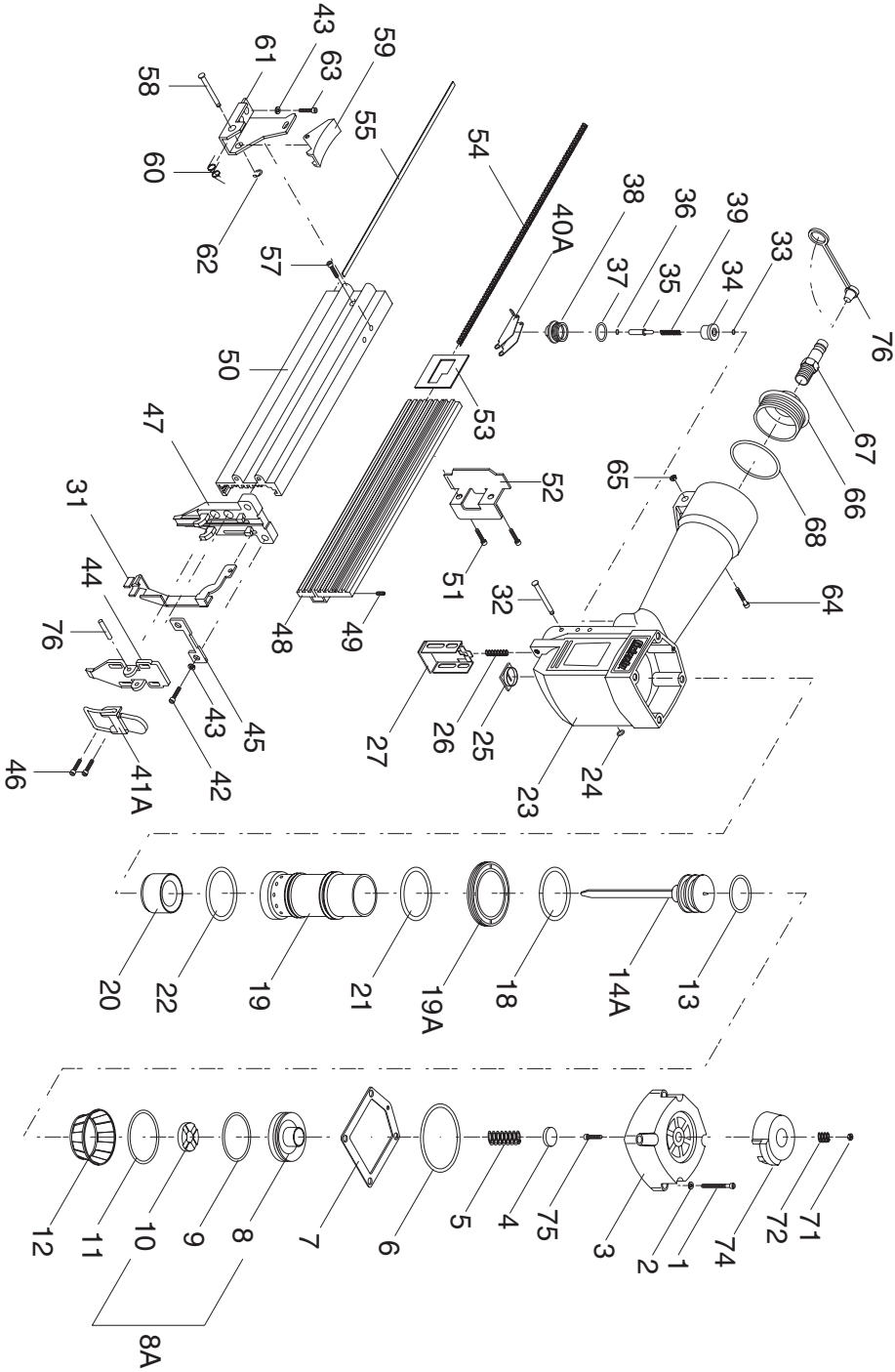


Figure 7. Removing rear cap.

6. Remove the guide cover from the nose assembly by loosening the 2 cap screws.
7. Watch the nose assembly and push the top of the piston with your finger. You will see the piston shaft slide along the guide.
8. Push the piston shaft back inside the nailer until you can grip the piston head and remove it from the cylinder.
9. Place a new O-ring on the new piston and apply a thin film of the proper lubricating oil on the O-ring.
10. Insert the new piston in the cylinder. Make sure that the grooves on the piston shaft line up with those on the guide. The new piston should easily slide into the cylinder. **Do not force the piston into the cylinder!** If the piston is not easily inserted, double-check the alignment of the piston shaft with the grooves on the guide.
11. After the piston is inserted correctly, replace the guide cover and tighten the 2 cap screws. Replace the rear cap assembly and tighten the 4 cap screws.
12. For more assistance, or to install a complete O-ring set, refer to the appropriate breakdown diagram in the back of this manual.

G6045 PART BREAKDOWN

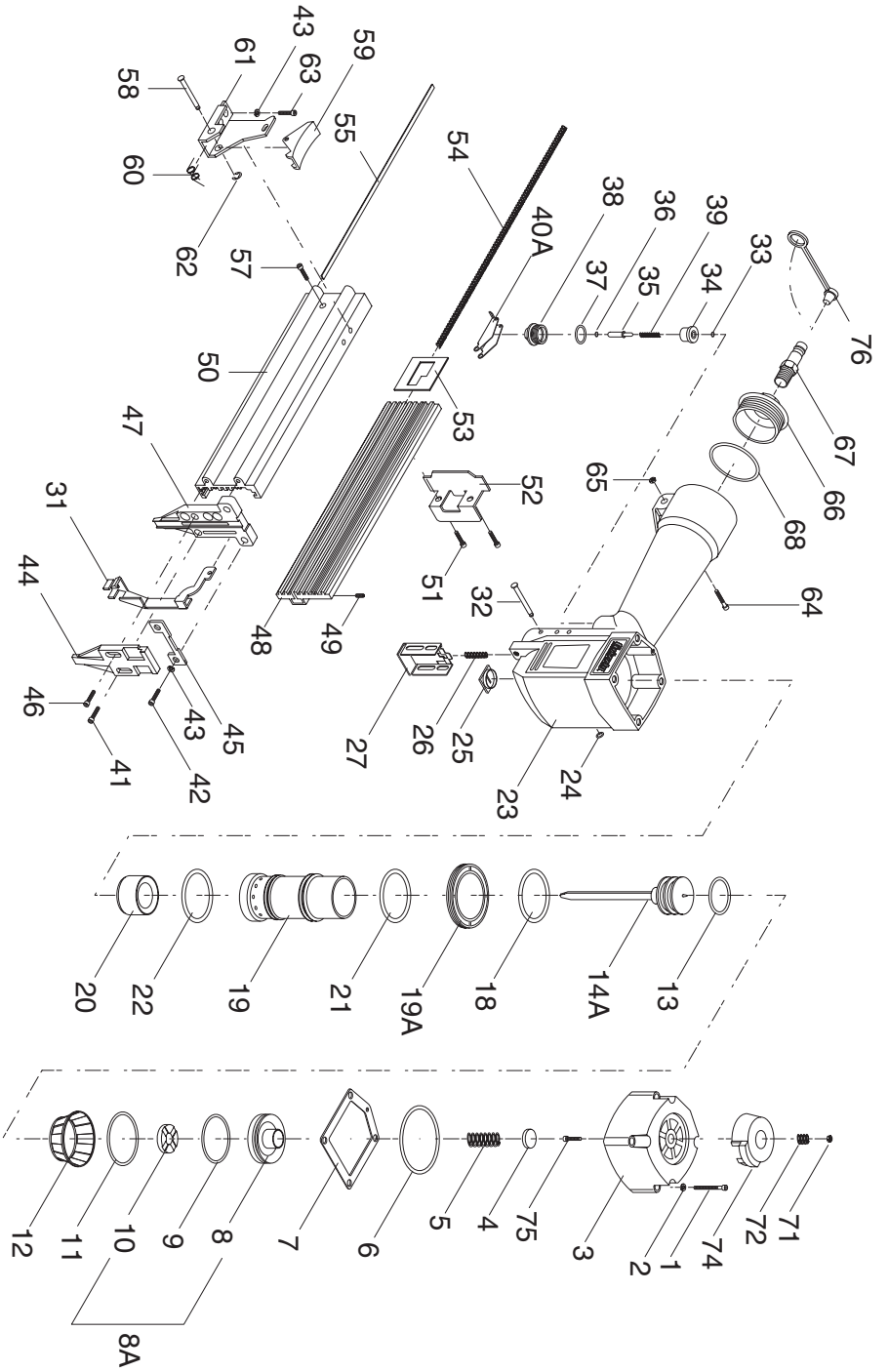


REF	PART #	DESCRIPTION
01	P6045001	CAP SCREW
02	P6045002	LOCK WASHER
03	P6045003	CAP
04	P6045004	SEAL
05	P6045005	SPRING
06	P6045006	O-RING
07	P6045007	CAP SEAL
08	P6045008	PISTON HEAD VALVE
08A	P604500A	PISTON HEAD ASSY
09	P6045009	O-RING
10	P6045010	STOPPER
11	P6045011	O-RING
12	P6045012	COLLAR
13	P6045013	O-RING
14A	P6045014A	DRIVER ASSEMBLY
18	P6045018	O-RING
19	P6045019	CYLINDER
19A	P6045019A	COLLAR
20	P6045020	BUMPER
21	P6045021	O-RING
22	P6045022	O-RING
23	P6045023	BODY
24	P6045024	RETAINING RING
25	P6045025	JOINT GUIDE
26	P6045026	SPRING
27	P6045027	GUIDE SAFETY LVR
31	P6045031	SAFETY YOKE
32	P6045032	STEPPED PIN
33	P6045033	O-RING
34	P6045034	TRGR VALVE HEAD
35	P6045035	TRGR VALVE STEM
36	P6045036	O-RING
37	P6045037	O-RING
38	P6045038	TRGR VALVE GUIDE
39	P6045039	SPRING
40A	P6045040A	TRIGGER ASSEMBLY
41A	P6045041A	LATCH

REF	PART #	DESCRIPTION
42	P6045042	CAP SCREW
43	P6045043	LOCK WASHER
44	P6045044	DRIVER GUIDE CVR
45	P6045045	SET PLATE
46	P6045046	CAP SCREW
47	P6045047	DRIVER GUIDE
48	P6045048	MAGAZINE COVER
49	P6045049	SETSCREW
50	P6045050	MAGAZINE
51	P6045051	CAP SCREW
52	P6045052	TAIL COVER
53	P6045053	PUSHER
54	P6045054	SPRING
55	P6045055	NAIL GUIDE LINER
56	P6045056	LOCK WASHER
57	P6045057	CAP SCREW
58	P6045058	SHAFT
59	P6045059	STOPPER
60	P6045060	TORSION SPRING
61	P6045061	BRACKET
62	P6045062	RETAINING RING
63	P6045063	CAP SCREW
64	P6045064	CAP SCREW
65	P6045065	LOCK NUT
66	P6045066	COVER
67	P6045067	AIR PLUG
68	P6045068	O-RING
71	P6045071	LOCK NUT
72	P6045072	SPRING
74	P6045074	EXHAUST COVER
75	P6045075	CAP SCREW
76	PRP50M	ROLL PIN 3 X 18
77	P6045077	RUBBER INLET PLUG
500	P6045500	PISTON/O-RING SET*
501	P6045501	CARRYING CASE*
502	P6045502	O-RING SET*

* *These items are not shown in the illustration.*

G6046 PART BREAKDOWN



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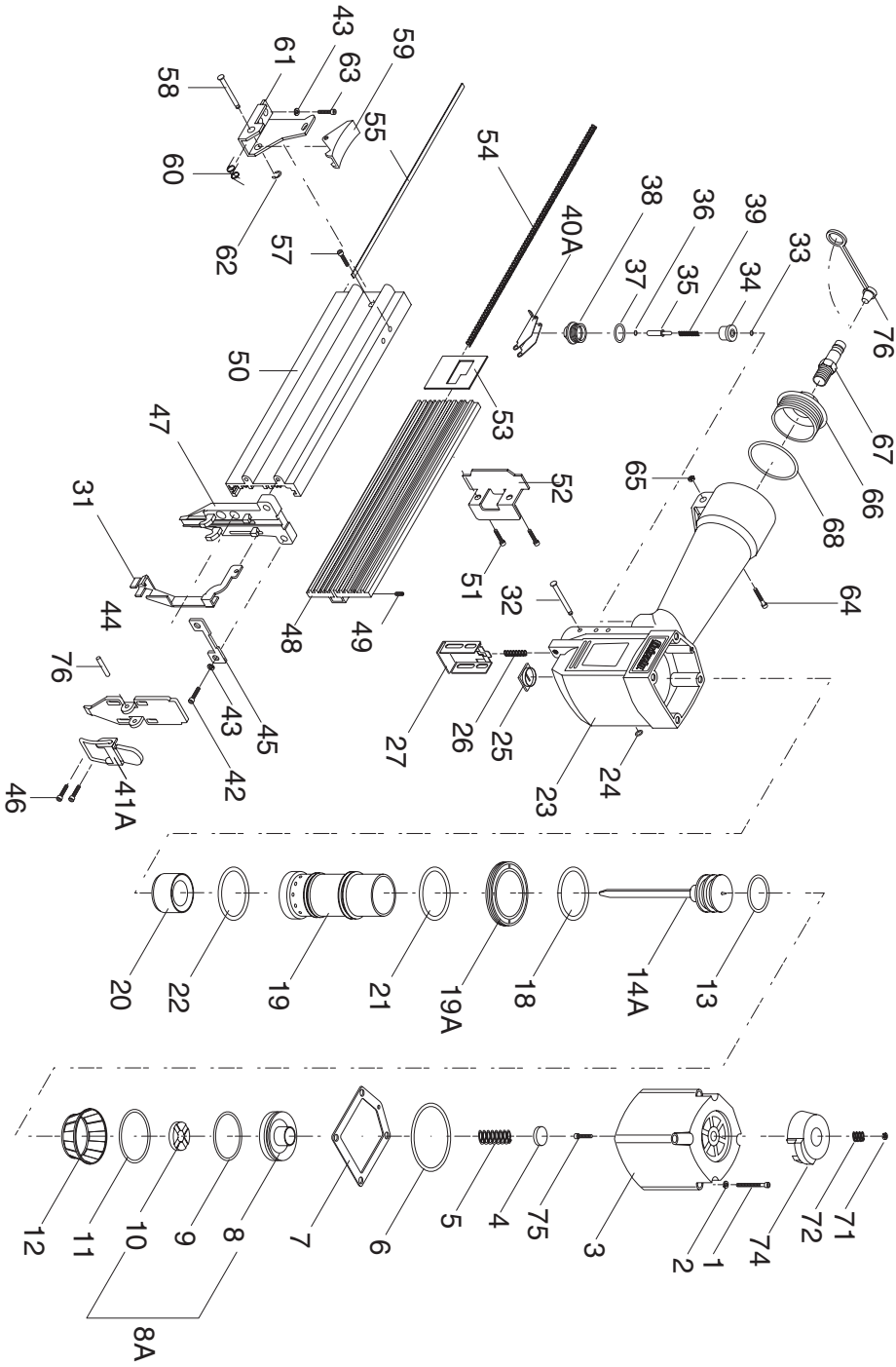
01	P6046001	CAP SCREW
02	P6046002	LOCK WASHER
03	P6046003	CAP
04	P6046004	SEAL
05	P6046005	SPRING
06	P6046006	O-RING
07	P6046007	CAP SEAL
08	P6046008	PISTON HEAD VALVE
08A	P604600A	PISTON HEAD ASSY
09	P6046009	O-RING
10	P6046010	STOPPER
11	P6046011	O-RING
12	P6046012	COLLAR
13	P6046013	O-RING
14A	P6046014A	DRIVER ASSEMBLY
18	P6046018	O-RING
19	P6046019	CYLINDER
19A	P6046019A	COLLAR
20	P6046020	BUMPER
21	P6046021	O-RING
22	P6046022	O-RING
23	P6046023	BODY
24	P6046024	E-RING
25	P6046025	JOINT GUIDE
26	P6046026	SPRING
27	P6046027	GUIDE SAFETY LVR
31	P6045031	SAFETY YOKE
32	P6046032	STEPPED PIN
33	P6046033	O-RING
34	P6046034	TRGR VALVE HEAD
35	P6046035	TRGR VALVE STEM
36	P6046036	O-RING
37	P6046037	O-RING
38	P6046038	TRGR VALVE GUIDE
39	P6046039	SPRING
40A	P6046040A	TRIGGER ASSEMBLY

REF	PART #	DESCRIPTION
41	P6045041	
42	P6046042	CAP SCREW
43	P6046043	LOCK WASHER
44	P6046044	DRIVER GUIDE CVR
45	P6046045	SET PLATE
46	P6046046	CAP SCREW
47	P6046047	DRIVER GUIDE
48	P6046048	MAGAZINE COVER
49	P6046049	SETSCREW
50	P6046050	MAGAZINE
51	P6046051	CAP SCREW
52	P6046052	TAIL COVER
53	P6046053	PUSHER
54	P6046054	SPRING
55	P6046055	NAIL GUIDE LINER
56	P6046056	LOCK WASHER
57	P6046057	CAP SCREW
58	P6046058	SHAFT
59	P6046059	STOPPER
60	P6046060	TORSION SPRING
61	P6046061	BRACKET
62	P6046062	RETAINING RING
63	P6046063	CAP SCREW
64	P6046064	CAP SCREW
65	P6046065	LOCK NUT
66	P6046066	COVER
67	P6046067	AIR PLUG
68	P6046068	O-RING
71	P6046071	LOCK NUT
72	P6046072	SPRING
74	P6046074	EXHAUST COVER
75	P6046075	CAP SCREW
77	P6046077	RUBBER INLET PLUG
500	P6046500	PISTON/O-RING SET*
501	P6046501	CARRYING CASE*
502	P6046502	O-RING SET*

* *These items are not shown in the illustration.*

G6047 PART BREAKDOWN



REF	PART #	DESCRIPTION
01	P6047001	CAP SCREW
02	P6047002	LOCK WASHER
03	P6047003	CAP
04	P6047004	SEAL
05	P6047005	SPRING
06	P6047006	O-RING
07	P6047007	CAP SEAL
08	P6047008	PISTON HEAD VALVE
08A	P604700A	PISTON HEAD ASSY
09	P6047009	O-RING
10	P6047010	STOPPER
11	P6047011	O-RING
12	P6047012	COLLAR
13	P6047013	O-RING
14A	P6047014A	DRIVER ASSEMBLY
18	P6047018	O-RING
19	P6047019	CYLINDER
19A	P6047019A	COLLAR
20	P6047020	BUMPER
21	P6047021	O-RING
22	P6047022	O-RING
23	P6047023	BODY
24	P6047024	RETAINING RING
25	P6047025	JOINT GUIDE
26	P6047026	SPRING
27	P6047027	GUIDE SAFETY LVR
31	P6047031	SAFETY YOKE
32	P6047032	STEPPED PIN
33	P6047033	O-RING
34	P6047034	TRGR VALVE HEAD
35	P6047035	TRGR VALVE STEM
36	P6047036	O-RING
37	P6047037	O-RING
38	P6047038	TRGR VALVE GUIDE
39	P6047039	SPRING
40A	P6047040A	TRIGGER ASSEMBLY
41A	P6047041	LATCH

REF	PART #	DESCRIPTION
42	P6047042	CAP SCREW
43	P6047043	LOCK WASHER
44	P6047044	DRIVER GUIDE CVR
45	P6047045	SET PLATE
46	P6047046	CAP SCREW
47	P6047047	DRIVER GUIDE
48	P6047048	MAGAZINE COVER
49	P6047049	SETSCREW
50	P6047050	MAGAZINE
51	P6047051	CAP SCREW
52	P6047052	TAIL COVER
53	P6047053	PUSHER
54	P6047054	SPRING
55	P6047055	NAIL GUIDE LINER
56	P6047056	LOCK WASHER
57	P6047057	CAP SCREW
58	P6047058	SHAFT
59	P6047059	STOPPER
60	P6047060	TORSION SPRING
61	P6047061	BRACKET
62	P6047062	RETAINING RING
63	P6047063	CAP SCREW
64	P6047064	CAP SCREW
65	P6047065	LOCK NUT
66	P6047066	COVER
67	P6047067	AIR PLUG
68	P6047068	O-RING
71	P6047071	LOCK NUT
72	P6047072	SPRING
74	P6047074	EXHAUST COVER
75	P6047075	CAP SCREW
76	PRP50M	ROLL PIN 3 X 18
77	P6047077	RUBBER INLET PLUG
500	P6047500	PISTON/O-RING SET*
501	P6047501	CARRYING CASE*
502	P6047502	O-RING SET*

** These items are not shown in the illustration.*

TROUBLESHOOTING

PROBLEM	CAUSE	ACTION
Air leaking at trigger valve area.	1. O-rings in trigger valve housing are damaged.	1. O-rings must be replaced & operation of safety yoke must be checked.
Air leaking between housing and hose.	1. Loose screws in housing. 2. Damaged O-ring. 3. Damaged bumper.	1. Tighten screws. 2. Replace O-ring. 3. Replace bumper.
Air leaking between housing and cap assembly.	1. Damaged seal.	1. Replace damaged seals.
Tool skips nails while discharging.	1. Air leaks. 2. Dirt in nose. 3. Dirt or damage prevents nails from moving freely in magazine. 4. Inadequate air flow to tool. 5. Worn O-ring on piston or lack of lubrication. 6. Damaged O-rings on trigger valve. 7. Worn bumper. 8. Cap seal leaking.	1. Tighten screws and fittings. 2. Clean nose. 3. Clean magazine and inspect/repair damage. 4. Check fitting, air hose, and air compressor. 5. Replace piston O-ring. Lubricate. 6. Replace trigger valve O-rings. 7. Replace bumper. 8. Replace cap seal.
Tool runs slowly or has a loss of power.	1. Nailer is not sufficiently lubricated. 2. Broken spring in cap assembly. 3. Exhaust port in cap is blocked.	1. Lubricate nailer. 2. Replace spring. 3. Replace damaged internal parts.
Fasteners frequently jam the nailer.	1. Nails are the wrong size. 2. Nails are bent. 3. Magazine or nose screws are loose. 4. Driver or driver guide are worn or damaged.	1. Use correct nails. 2. Use undamaged nails 3. Tighten magazine and nose screws. 4. Replace worn or damaged parts.
Nailer does not fire.	1. Nail is jammed in magazine or discharge area. 2. Piston shaft is damaged. 3. Air pressure too low.	1. Clear nailer magazine or discharge area. 2. Replace piston shaft. 3. Check/increase air pressure.

WARRANTY AND RETURNS

Grizzly Industrial, Inc. warrants every product it sells for a period of **1 year** to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly's sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly's liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special, or consequential damages arising from the use of our products.

To take advantage of this warranty, contact us by mail or phone and give us all the details. We will then issue you a "Return Number," which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

Please feel free to write or call us if you have any questions about the machine or the manual.

Grizzly Industrial, Inc.
1203 Lycoming Mall Circle
Pennsdale, PA 17756
Phone: (570) 546-9663
Fax: (800) 438-5901

E-Mail:
techsupport@grizzly.com

Web Site: http://www.grizzly.com

Thank you again for your business and continued support. We hope to serve you again soon!

WARRANTY CARD

Name_____

Street_____

City_____State_____Zip_____

Phone Number_____E-Mail_____FAX_____

Model #_____ Order #_____

The following information is given on a voluntary basis. It will be used for marketing purposes to help us develop better products and services. Of course, all information is strictly confidential.

1. How did you learn about us?
   ___Advertisement ___Friend
   ___Catalog ___Card Deck
   ___World Wide Web
   ___Other_____

2. What is your annual household income?
   ___$20,000-$29,999 ___$60,000-$69,999
   ___$30,000-$39,999 ___$70,000-$79,999
   ___$40,000-$49,999 ___$80,000-$89,999
   ___$50,000-$59,999 ___$90,000 +

3. What is your age group?
   ___20-29 ___50-59
   ___30-39 ___60-69
   ___40-49 ___70 +

4. How long have you been a woodworker?
   ___0 - 2 Years ___8 - 20 Years
   ___2 - 8 Years ___20+ Years

5. How would you rank your woodworking skills?
   ___Simple ___Advanced
   ___Intermediate ___Master Craftsman

6. What stationary woodworking tools do you own? Check all that apply.
   ___Air Compressor ___Panel Saw
   ___Band Saw ___Planer
   ___Drill Press ___Power Feeder
   ___Drum Sander ___Radial Arm Saw
   ___Dust Collector ___Shaper
   ___Spindle Sander ___Jointer
   ___Table Saw ___Lathe
   ___Mortiser ___Wide Belt Sander
   ___Horiz.Boring Machine
   ___Vacuum Veneer Press
   ___Other_____

7. How many of your woodworking machines are Grizzly? _____

8. Which benchtop tools do you own? Check all that apply.
   ___1"x42" Belt Sander ___6" - 8" Grinder
   ___5" - 8" Drill Press ___Mini Lathe
   ___8" Table Saw ___8" - 10" Bandsaw
   ___Scroll Saw ___Disc/Belt Sander
   ___Spindle/Belt Sander ___Mini Jointer
   ___10"-12"Thickness Planer
   ___Other_____

9. How many of the machines checked above are Grizzly? _____

10. Which portable/hand held power tools do you own? Check all that apply.
    ___Belt Sander ___Orbital Sander
    ___Biscuit Joiner ___Palm Sander
    ___Circular Saw ___Portable Planer
    ___Detail Sander ___Saber Saw
    ___Drill/Driver ___Reciprocating Saw
    ___Miter Saw ___Router
    ___Other_____

11. What machines/supplies would you like Grizzly Industrial to carry?
    _____
    _____
    _____
    _____

12. What new accessories would you like Grizzly Industrial to carry?
    _____
    _____
    _____
    _____

13. What other companies do you purchase your tools and supplies from?
    _____
    _____
    _____

14. Do you think your purchase represents good value?
    ___Yes ___No

15. Would you recommend Grizzly to a friend?
    ___Yes ___No

16. Would you allow us to use your name as a reference for Grizzly customers in your area? **Note: We never use names more than three times.**
    ___Yes ___No

17. Comments:_____
    _____
    _____
    _____

Send a Grizzly Catalog to a friend:

Name_____

Street_____

City_____State_____Zip_____

FOLD ALONG DOTTED LINE

Place Stamp Here

GRIZZLY INDUSTRIAL, INC.
P.O. BOX 2069
BELLINGHAM, WA 98227-2069

TAPE ALONG EDGES--PLEASE DO NOT STAPLE